



Please type a plus sign (+) inside this box -> +

required)

Filing

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control purpose. a valid OMB control number.

4940/1J Attorney Docket Number Vivian Pecus et al. **First Named Inventor COMPLETE IF KNOWN** 09 / 960,246 **Application Number** September 21, 2001 Filing Date 2661 **Group Art Unit**

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) Declaration ☑ Declaration OR Submitted Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) with Initial To be assigned **Examiner Name**

As a below named Inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SCALABLE EDGE NODE the specification of which (Title of the Invention) is attached hereto OR was filed on (MM/DD/YYYY) O9/21/2001 as United States Application Number or PCT International Application Number O9/960,246 and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.									
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SCALABLE EDGE NODE									
names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SCALABLE EDGE NODE the specification of which (Title of the Invention) is attached hereto OR was filed on (MM/DD/YYYY) 09/21/2001 as United States Application Number or PCT International Application Number 09/960,246 and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
the specification of which is attached hereto OR was filed on (MM/DD/YYYY) O9/21/2001 as United States Application Number or PCT International Application Number O9/960,246 and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
the specification of which is attached hereto OR was filed on (MM/DD/YYYY) 1 o9/21/2001 Application Number O9/960.246 and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
is attached hereto OR Was filed on (MM/DD/YYYY) O9/21/2001 as United States Application Number or PCT International Application Number O9/960,246 and was amended on (MM/DD/YYYY) (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
is attached hereto OR was filed on (MM/DD/YYYY) 09/21/2001 as United States Application Number or PCT International Application Number 09/960,246 and was amended on (MM/DD/YYYY) (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
is attached hereto OR Was filed on (MM/DD/YYYY) O9/21/2001 as United States Application Number or PCT International Application Number O9/960,246 and was amended on (MM/DD/YYYY) (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
OR was filed on (MM/DD/YYYY) 09/21/2001 as United States Application Number or PCT International Application Number 09/960,246 and was amended on (MM/DD/YYYY) (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
was filed on (MM/DD/YYYY) 09/21/2001 as United States Application Number or PCT International Application Number 09/960,246 and was amended on (MM/DD/YYYY) (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
amended by any amendment specifically referred to above.									
• • •									
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.									
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.									
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.									
Prior Foreign Application Number(s) Country Foreign Filing Date Priority Certified Copy Attached? Not Claimed YES NO									
Number(s) Country (MM/DD/YYYY) Not Claimed YES NO									
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:									
☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:									
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto: I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.									
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY)									
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.									
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY) 60/275,779 March 13, 2001 Additional provisional application numbers are listed on a									
Thereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY) 60/275,779 March 13, 2001 March 13, 2001 March 13, 2001 March 13, 2001 Supplemental priority data sheet									
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY) 60/275,779 March 13, 2001 Additional provisional application numbers are listed on a									

[Page 1 of 2]



s sign (+) Inside this box - + + Approved for use through 9/30/00. OMB
Patent and Trademark Office; U.S. DEPARTMENT OF C
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless a valid QMB control number.

DECLARATION — Utility or Design Patent Application

nited States nited States (formation wh	of Ameri or PCT In ich is ma	efit under 35 U.S. ca, listed below a ternational applicatorial to patental international fillin	and, inso ation in ality as	ofar as the su the manner pr defined in 37	bject matte ovided by t CFR 1.56 v	r of each of U he first paragr	no claims of as U	of this application of the second of the sec	cation i ackno	s not disclo włodae line	eed Sed	to disc	close
U.	S. Par	ent Application		PCT Paren	t		Parent Filing Date Par (MM/DD/YYYY)				i N	umb (e)	P.
· :										:			A Commence
	_	CT international	_						_				ببرود الشكاة
		eraby appoint the onnected therewith	h: 🔲 (n g registere d p Customer Nun <i>OR</i> Registered pra	nber				- ۲	Ct all busine Place Ct Mumber J Label	isloj Jar (ilov oda	180 280
:				Regis	tration	TERRET GUESTIA		ame	-	R	de	ration	
Fr	Frank J. DeRosa 26.			nber 3,543	- 		Restain	0	_		893	-	
	Seth H. Ostrow 37,4				7,410	1		F. Hopp	-			494	.
	Pamela G. Maher 40,71			•	M		J. Marqu				997		
					35,591 Katrine A. Levin						41.		2012
rect all correspondence to: Customer Number or Bar Code Label OR Correspondence address below										ów			
me	-	Frederick Yu									+		
dress		Brown Raysman Millstein Felder & Steiner LLP								1			
dress						Third Avenue						3	
y :			ew Y	ork	1 ,	State			ax (212) 89		-	+ 1	•
untry		USA		Telepho	تسيينانه	212) 895-2		Fax	_	200	-		
eved to be shable by	true; and	I statements mad I further that the oprisonment, or I t issued thereon.		-masic word o	rada with t	ha knowleckie	That water is	take state	mants	and the bkg	-	mana	328
mp of Sc	ole of f	irst inventor	:			A petitio	on has be	en filed for	this u	insigned in	ven	tor	1.
G	ven Nar	ne ffirst and mi	ddle (it	anyl)			Far	nily Name		mame		\$ 197 7 30	
-		Viviar	1			<u> </u>		PEC	US			أهبت	
ventor's gnature		1/wice	'n.	Peau	0					Date		12/	٤/.
sidence: C	ity	Falls C	hurch	State	VA	Country		USA		Cktzensh	P	US	<u> </u>
st Office Ad	ddress				373	1 B Madis	on Lane)				:	
st Office A										:		ن د غ	
		Falls Church		VA		22				;	JS/	3 24	

Please type a plus sign (+) inside this box ->

PTO/SB/02A (3-97)
sign (+) inside this box -> + Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page _1_ of _2_

				-						
Name of Additional Joint Inventor, if any:								ventor		
Given Na	me (first and middle [if an	y])				Family Name or Surname				
	Christopher		ļ			В	ENDE	N		
Inventor's Signature	CX Bene	len	<u> </u>					Date		11/24/01
Residence: City	Woodford	State	VA		Country	USA		Citizens	ship	USA
Post Office Address	8468 Guinea Station Road									
Post Office Address	3									
City	Woodford	State	VA		ZIP 22580 Countr		Country	,	US	SA
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor							entor			
Given Name (first and middle [if any]) Family Name or Sumame										
	David Lynn BULLOCK									
Inventor's Signature				Date						
Residence: City	Conyers	State	GA	Country USA Citize		nship	USA			
Post Office Address	2875 Bonds Lake Road NW									
Post Office Address										
City	Conyers	State	GA		ZIP	30012	Coun	itry	U	ISA
Name of Addition	nal Joint Inventor, if a	ny:			A petitio	n has been file	d for th	is unsigi	ned inv	entor
Given Na	me (first and middle [if any	/])		Family Name or Sumame						
	Philip C.					LA	USIEF	₹		
Inventor's Signature								Da	ite	
Residence: City	Canton	State	GA	C	Country	USA		Citize	nship	USA
Post Office Address			1005	ron	Moun	tain Road				
Post Office Address										
City	Canton	State	GA		ZIP	30115	С	ountry		USA

Under the Paperwork Red valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet
Page 1 of 2

Name of Addition	Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor									entor
Given Na	me (first and middle [if any])				Family Na	ne or S	Sumame		
	Christopher					ВЕ	NDE	٧		
Inventor's Signature								Date		
Residence: City	Woodford	State	VA		Country	USA		Citizens	hip	USA
Post Office Address	8468 Guinea Station Road									
Post Office Address										
City	Woodford	State	VA ZIP 22580 Country				,	US	SA .	
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor							entor			
Given Name (first and middle [if any]) Family Name or Surname										
	David Lynn					В	ULLO			
Inventor's Signature	Marel Typen Bullian 11/30/01 Date									
Residence: City	Conyers	State	GA	٥	Country	USA Citizenship				USA
Post Office Address	2075 Panda Laka Baad ANA									
Post Office Address										
City	Conyers	State	GA	١	ZIP	30012	Coun	try	U	SA
Name of Addition	nal Joint Inventor, if an	y:			A petitio	n has been file	d for thi	is unsigr	ned inv	entor
Given Nar	me (first and middle [if any])				Family Nar	ne or S	Sumame		
	Philip C.					LA	USIEF	₹		
Inventor's Signature								Da	te	
Residence: City	Canton	State	GA		Country	USA		Citize	nship	USA
Post Office Address			1005	Iron	Mount	tain Road				
Post Office Address										
City	Canton	State	GA		ZIP	30115	c.	ountry	1	USA

Please type a plus sign (+) inside this box ->

PTO/SB/02A (3-97)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a

valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 2

Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor								ventor	
Given Na	ame (first and middle [if any])			Family Na	me or	Surname		
	Christopher				ВЕ	NDE	N		
Inventor's Signature							Date		
Residence: City	Woodford	State	VA	Country	USA		Citizens	hip	USA
Post Office Address	8468 Guinea Station Road								
Post Office Address									
City	Woodford	State	VA	ZIP 22580 Countr			у	US	SA
Name of Additional Joint Inventor, if any:									entor
Given Name (first and middle [if any]) Family Name or Surname									
	David Lynn BULLOCK								
Inventor's Signature		Date							
Residence: City	Conyers	State	GA	A Country USA Citizen				nship	USA
Post Office Address	0075 D. 1.1.1. D. 1.1.1.1								
Post Office Address			-				· · · · · · · · · · · · · · · · · · ·		
City	Conyers	State	GA	ZIP	30012	Coun	itry	U	SA
Name of Addition	nal Joint Inventor, if an	y:		A petitio	n has been filed	for th	is unsign	ed inve	entor
Given Nar	me (first and middle [if any])		. I.		Family Nan	ne or S	Sumame		
	Philip C.		27		LAU	JSIEF	२		
Inventor's Signature	Thirty (Δ ¹	iels.				Dat	te	1/23/4
Residence: City	Canton	State	GA	Country	USA		Citizen		USA
Post Office Address			1005 lrc	n Moun	tain Road				
Post Office Address									
City	Canton	State	GA	ZIP	30115	C	ountry	Į	JSA

Please type a plus sign (+) inside this box →

PTO/SB/02A (3-97)

PTO/SB/02A (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>2</u> of <u>2</u>

9										
Name of Addition	nal Joint Inventor, if an	y:			\ petitio	n has been file	ed for th	nis unsign	ed inv	entor
Given Na	me (first and middle [if any])				Family Na	me or S	Sumame		
	Mark Russell				,	KAI	LMBA	СН		
Inventor's Signature	Mark Rus	ell	16	U	ad	•		Date	1	2/3/2001
Residence: City	Round Rock	State	TX		ountry	USA		Citizensi	nip	USA
Post Office Address	2928 Cedar Crest Circle									
Post Office Address								<u> </u>		
City	Round Rock	Statie	TX		ZIP	78664	Countr	у	US	SA .
Name of Additional Joint Inventor, if any:								entor		
Given Name (first and middle [if any]) Family Name or Surname										
Inventor's Signature								Dat		
Residence: City		State		c	ountry			Citizer	ship	,
Post Office Address		•								
Post Office Address										
City		State			ZIP		Cou	ntry		
Name of Additio	nal Joint Inventor, if an	ıy:			A petitio	n has been fil	ed for th	his unsigr	ed inv	entor
Given Na	ame (first and middle [if any])				Family Na	ame or	Surname		
							_			
Inventor's Signature								Da	te	
Residence: City		State		c	Country			Citize	nship	
Post Office Address								- · · · · · · · · · · · · · · · · · · ·		
Post Office Address	,				1	<u> </u>				
City		State			ZIP			Country		

Please type a plus sign (+) inside this box →

PTO/SB/02C (3-97)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



DECLARATION

REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Silvana Merlino	44,237		
Frederick Yu	45,251		
Brooke W. Quist	45,030		
James W. Woods	47,184		
Mauri Aven	42,275		
		*	
		İ	
	'		
Į į			
			,
1			



PTO/SB/02B (3-97)

Approved for use through 9/30/98. (3-97)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Supplemental Priority Data Sheet

Additional foreign applications: **Certified Copy Attached?** Prior Foreign Application Foreign Filing Date **Priority** NO Country Number(s) (MM/DD/YYYY) **Not Claimed** Additional provisional applications: **Application Number** Filing Date (MM/DD/YYYY) March 13, 2001 60/275,795 60/275,804 March 13, 2001 March 13, 2001 60/275,813 60/275,815 March 13, 2001 60/275,816 March 13, 2001 March 13, 2001 60/275,817 Additional U.S. applications: **Parent Patent Number U.S. Parent Application Parent Filing Date PCT Parent** (if applicable) Number (MM/DD/YYYY) Number



Please type a plus sign (+) inside this box \longrightarrow

PTO/SB/02B (3-97)

Approved for use through 9/30/98. OMB 0651-0032 =

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Supplemental Priority Data Sheet

Additional foreign applications:									
For Foreign Application Number(s)	Country	eign Filing Date	Priority Not Claimed	Certified Copy Attached? YES NO					
	·			00000000000000	000000000000000				
Additional provisional a	applications: cation Number	I		Filing Date (R	MM/DD/YYYY)				
<u> </u>	0/275,825		March 13, 2001						
60	0/275,826		March 13, 2001 March 13, 2001						
	0/275,827 0/275,838		March 13, 2001						
Additional U.S. applications:									
U.S. Parent Applica Number	tion PCT Paren		Parent F (MM/DI	iling Date D/YYYY)	Parent Patent Number (if applicable)				

